



## Technical Data sheet

**Product Name:** Panax ginseng extract

**Botanical source:** *Panax ginseng* C.A. Meyer

**Active ingredients:** Ginsenosides

**Specification:** Ginsenosides 80%

**Part used:** Root

**Appearance:** Light yellow fine powder

**Test method:** UV



### Health benefits:

- a. For the central nervous system: calming, promoting nerve growing, anti-convulsion & labor pains; anti-febrile.
- b. For the cardiovascular system: anti- cardiac arrythmia & ischemia myocardial.
- c. For the blood system: anti-hemolysis; stopping bleeding; bringing down blood coagulability; restraining blood platelets clotting; regulating blood-fat; anti- atherosclerosis; bringing down blood sugar.
- e. For the modulation: anti-fatigues; anti- oxygen & blood deficit; anti-shock; anti-thirst.
- f. For immunity system: improving achroacyte conversion; inducing immune factor growing; strengthening immunity.
- g. For the incretion system: inducing serum proteins, bone marrow proteins, organ proteins, brain proteins, fat, stem cells proteins synthesis; inducing fat and sugar metabolism.
- h. For the urinary system: antidiuresis.

### Application:

- a. Applied in food additives, it owns the effect of antifatigue, anti-aging and nourishing brain.
- b. Applied in pharmaceutical field, it is used to treat coronary heart disease, angina cordis, bradycardia and high heart rate arrhythmia, etc.
- c. Applied in cosmetics field, it owns the effect of whitening, dispelling spot, antiwrinkle, activating skin cells, making skin more tender and firm.



**Technical specification:**

ITEMS	SPECIFICATION
Product Name	Panax ginseng extract
Latin Name	<i>Panax ginseng C.A. Meyer</i>
Part used	Root
Country of Origin	China
Appearance	Light yellow fine powder
Odor	Characteristic
Particle size	100% through 80 mesh
Ash	NMT 5.0%
Loss on drying	NMT 5.0%
Ginsenosides(UV)	NLT 80%
Heavy Metals	NMT 10ppm
Arsenic (As)	NMT 2.00ppm
Lead (Pb)	NMT 1.00ppm
Mercury(Hg)	NMT 1.00ppm
Cadmium (Cd)	NMT 1.00ppm
Pesticides BHC ( $\alpha$ -BHC, $\beta$ -BHC, $\gamma$ -BHC, $\delta$ -BHC)、DDT (p-p-DDE, p-p-DDT, o-p-DDT, p-p-DDD)、PCNB、Pentachlorobenzene、Tecnazene、Tetrachloroaniline、Pentachloroaniline、Procymidone、Mpcps、Dieldrin、Folpet、HCB	NMT 10.00ppb
<b>Microbiological</b>	
Total of bacteria	NMT 10,00CFU/g
Yeast & Molds	NMT 100CFU/g
Salmgosella	Negative
Coli	Negative

**Packaging Details:**

Package: 25KG/drum, Pack in paper-drums and two plastic-bags inside.

Storage: Store in cool & dry place, Keep away from strong light and heat.

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